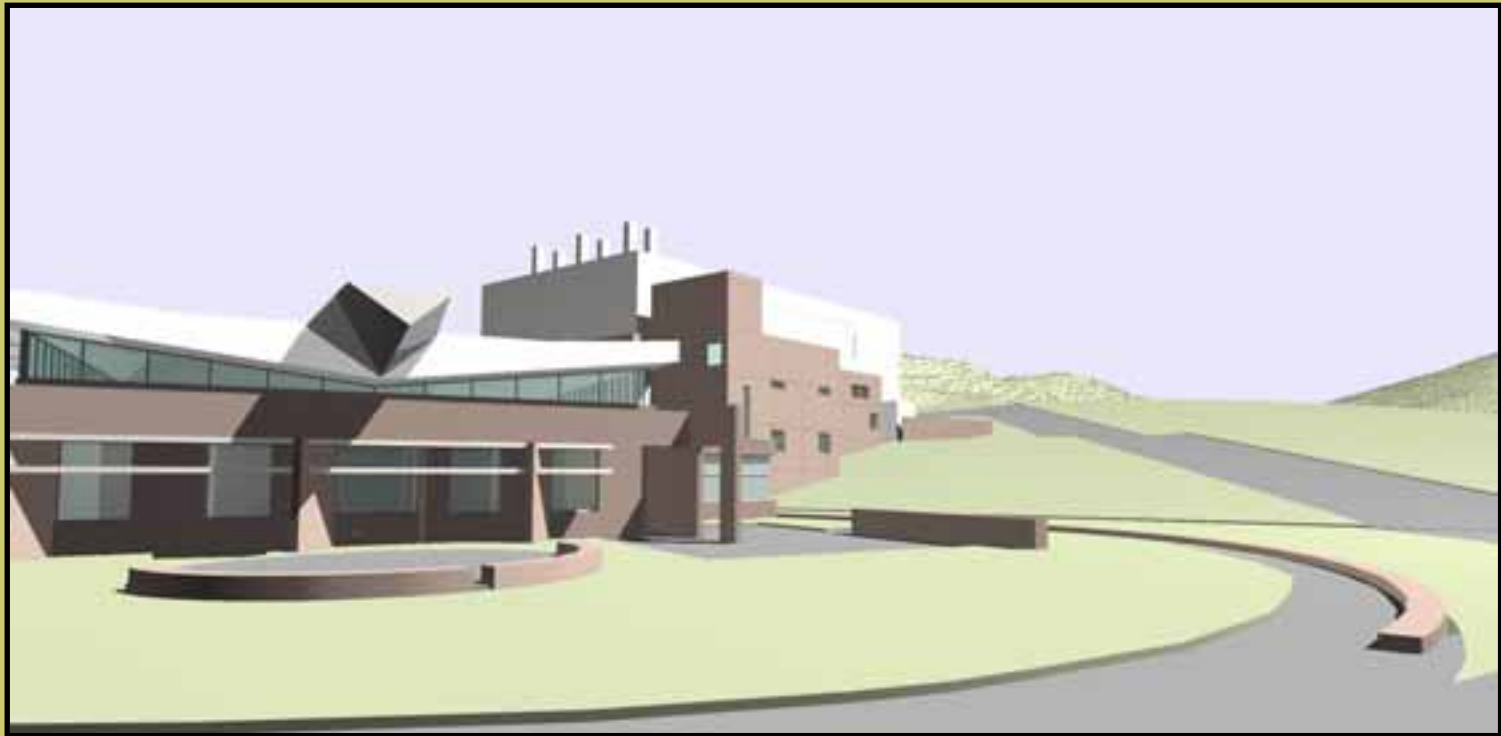


# forum on stormwater management

*Labs21 Phone Forum*



*23 April 2004*

# WHY BE CONCERNED ABOUT INNOVATIVE STORMWATER MANAGEMENT?

## ■ HELPS APPROVAL PROCESS

- *Allows compliance with Federal mandates for water quality treatment, and is more environmentally friendly*

## ■ SAVES WATER AND INFRASTRUCTURE COSTS

- *Reuses water on-site*
- *May result in infrastructure cost savings; recent work may realize a 20% reduction in infrastructure costs*

## ■ SUPPORTS HIGHER LEED RATINGS

## ■ IT'S THE RIGHT THING TO DO

# SITE DEVELOPMENT PLAN

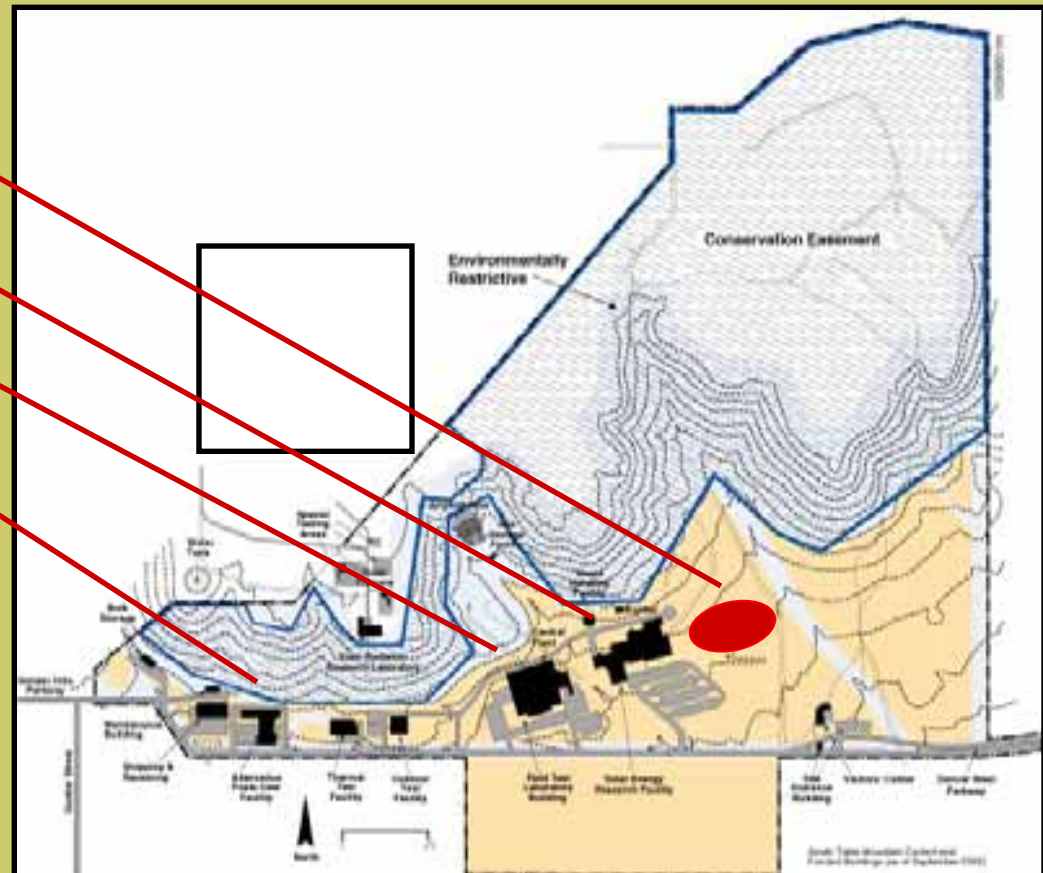
## National Renewable Energy Laboratory

## Science & Technology Facility (S&TF)

## Solar Energy Research Facility (SERF)

## Field Test Laboratory Building (FTLB)

## Lab Support Facilities





**Public**



**Office**



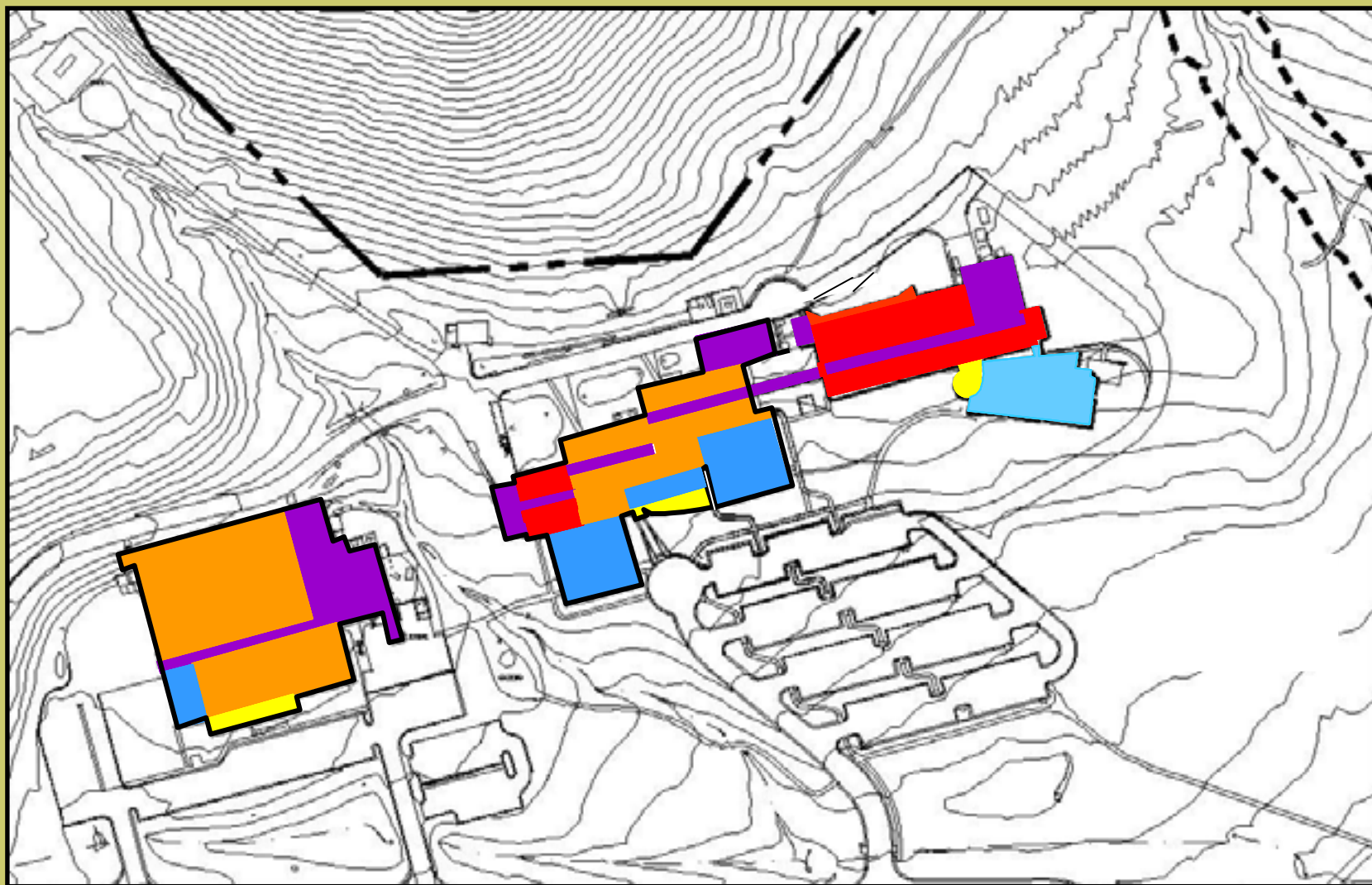
**Lab**



**H-5 Lab**



**Support**



**FTLB**

**SERF**

**S&TF**

***S&TF Site***

***SERF***

***FTLB***





Arroyo

Toe of Table Mountain

SERF

FTLB

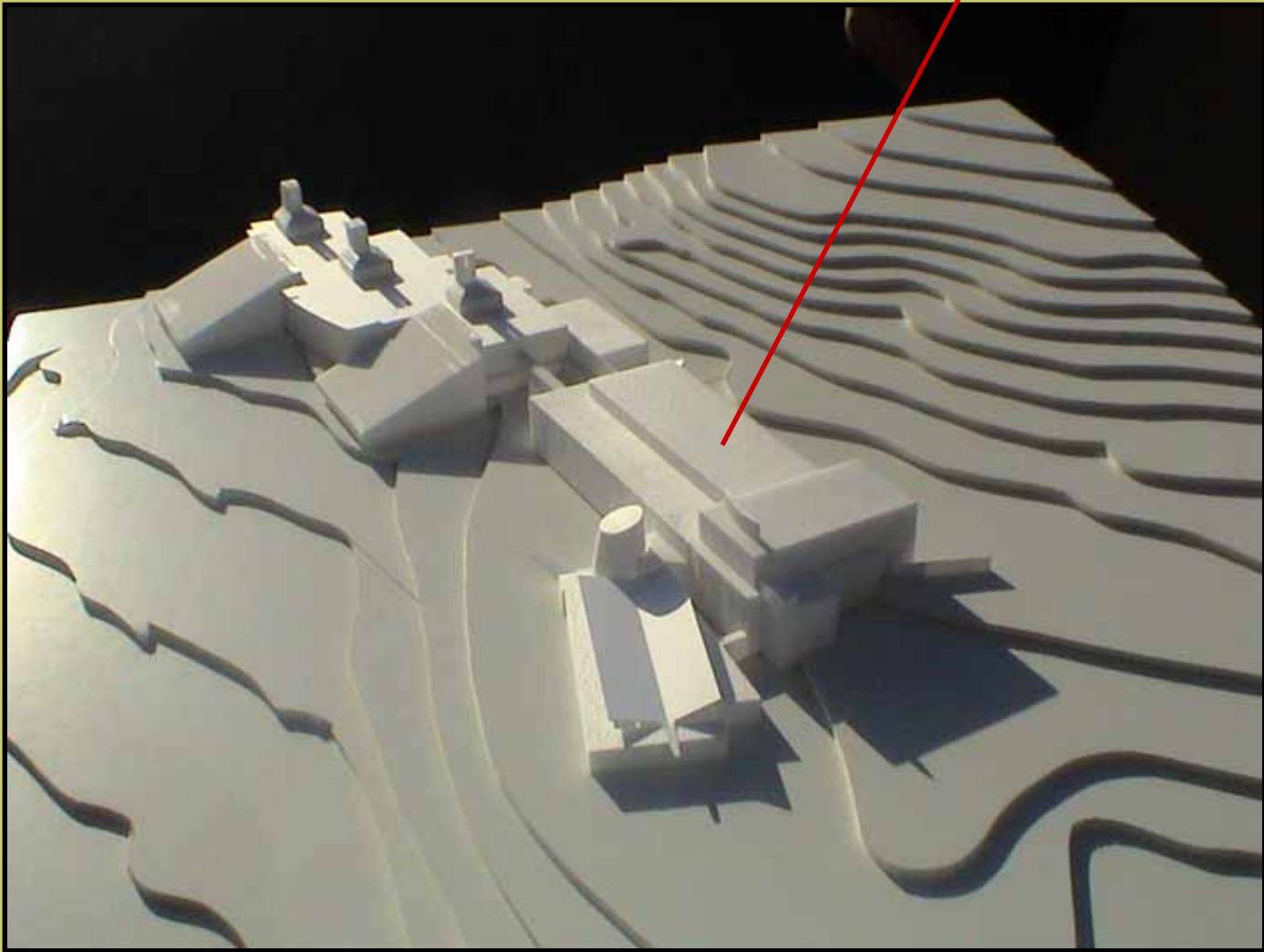
Sun path

sensitive **SITING**



*SERF respected the natural features of the site*

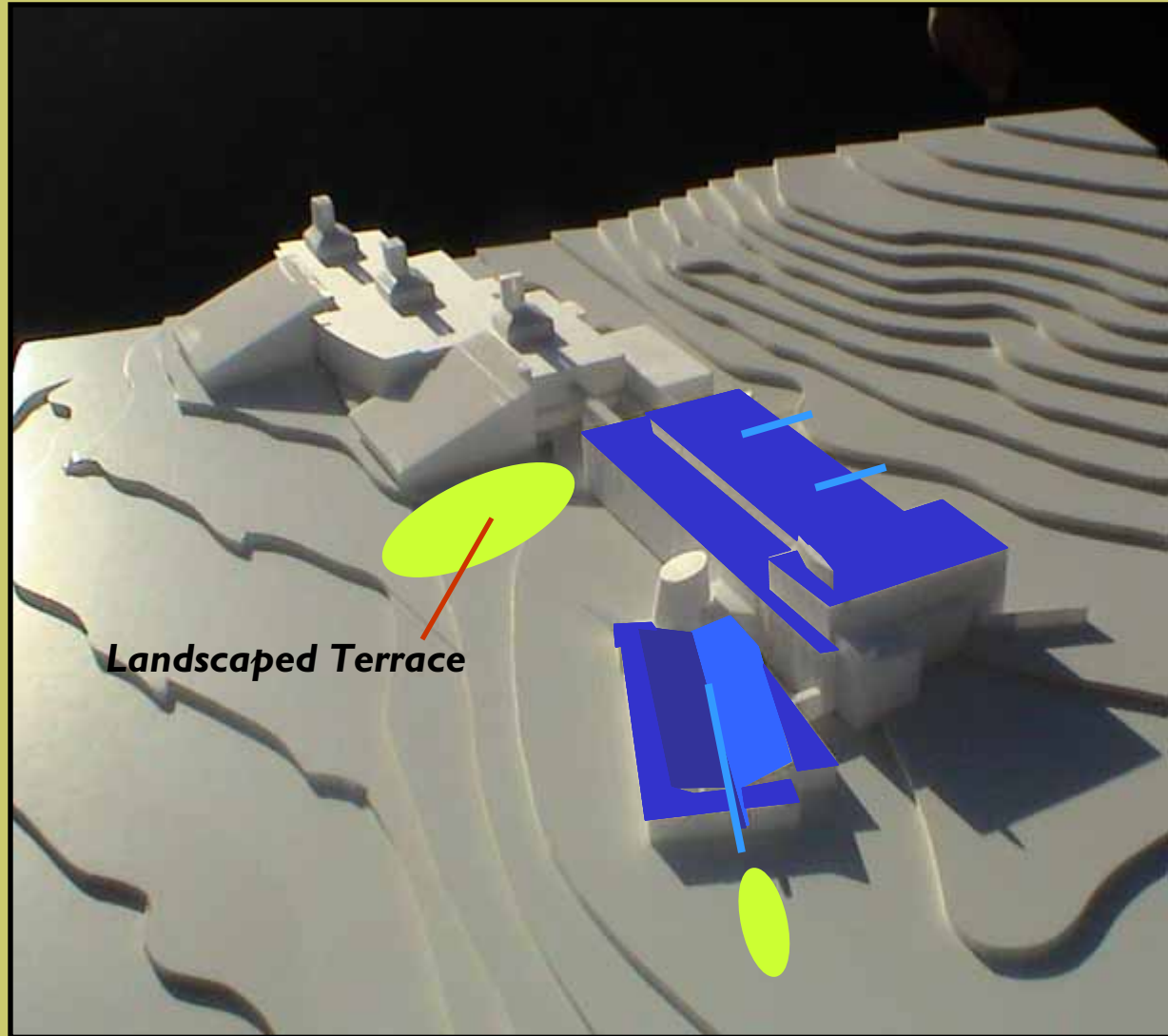
S&TF





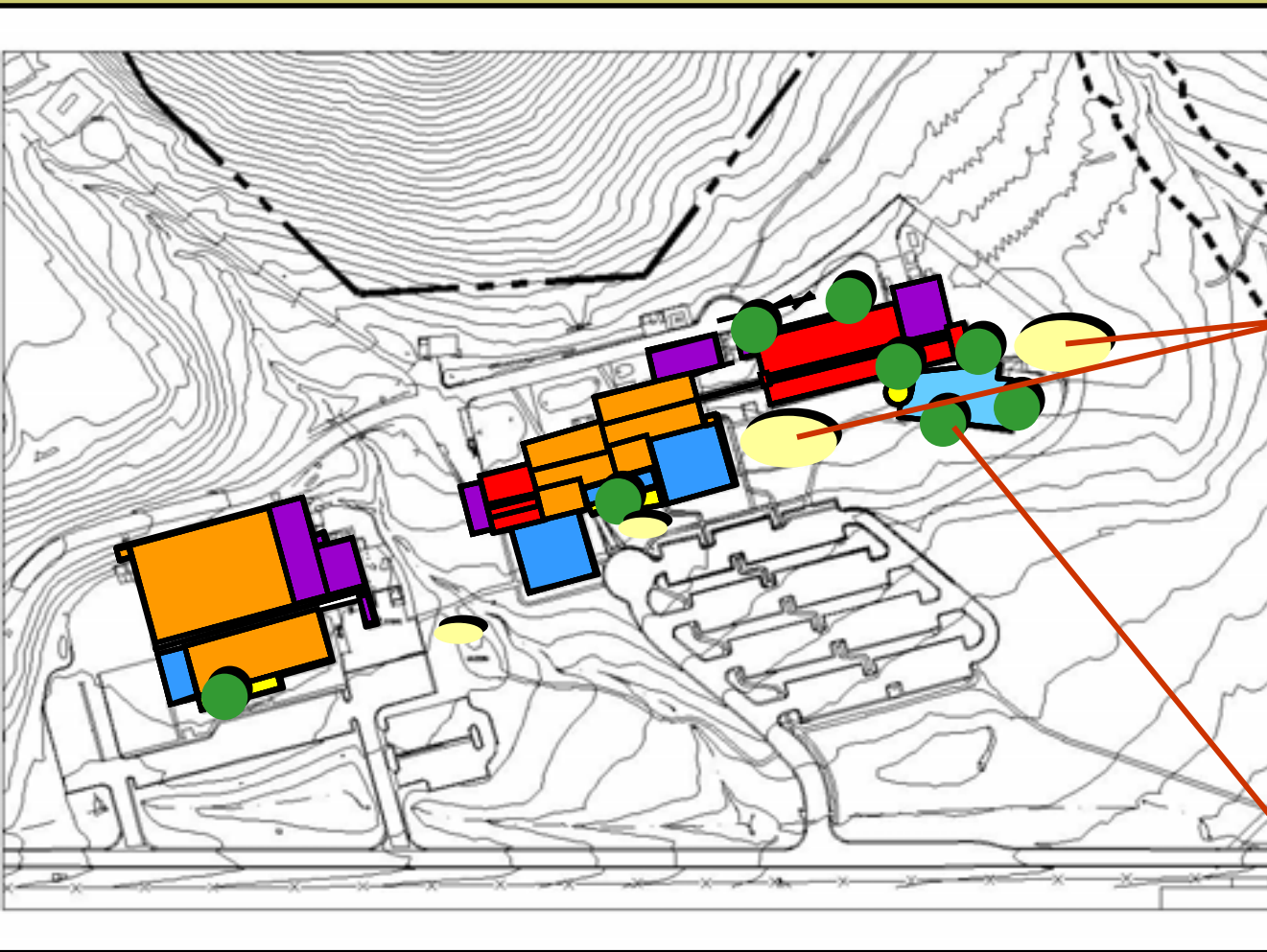


# water **HARVESTING**



*Landscaped Terrace*

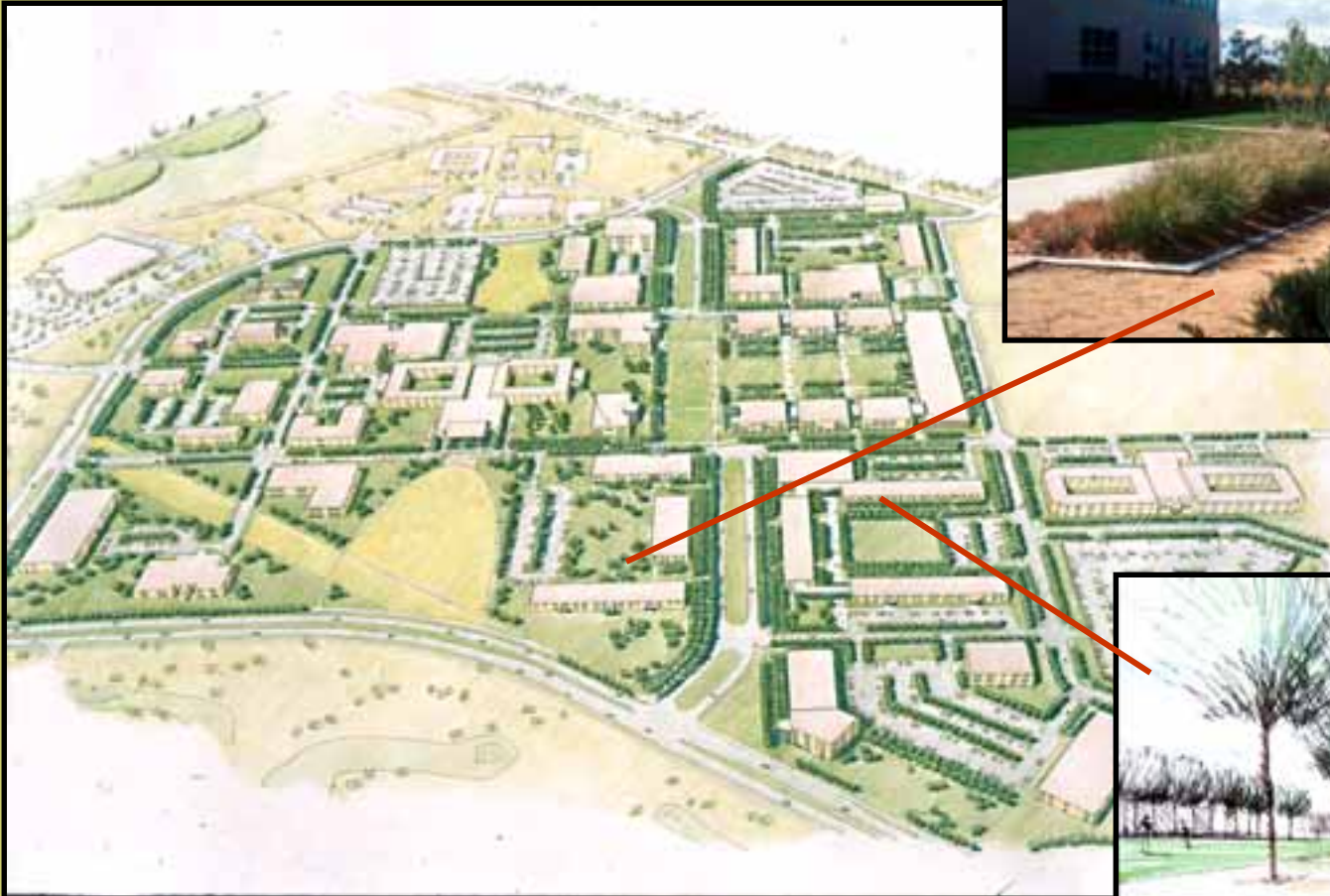
# INTERACTION *spaces*





# ZONING LANDSCAPES

*Community Colleges, Lowry Campus*



# STORMWATER GARDEN

*Office of Wenk Associates, Inc.*



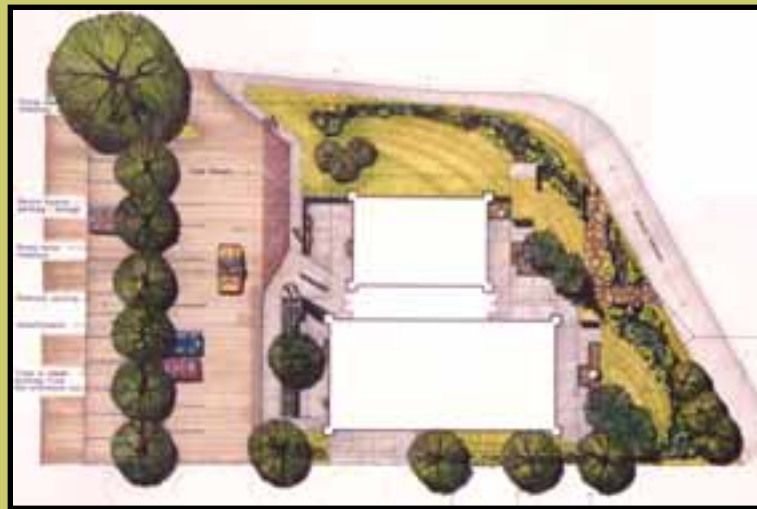




# **SITE LEVEL INTEGRATED STORMWATER MANAGEMENT**

*Land and Water Fund*













# SYSTEM LEVEL INTEGRATED STORMWATER MANAGEMENT

*Menomonee River  
Valley Redevelopment.*



*Water Quality*  
**CAPTURE  
VOLUME**



*5-year*  
**STORM EVENT**



*100-year*  
**STORM EVENT**







